OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
OIL, GAS & HELIUM PRODUCTION
AUGUST, 1991

APACHE COUNTY

DINEH-BI-KEYAH (HERMOSA) Kerr-McGee Corp.	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF-DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
1 Navajo (377) 02-001-20001*	31	420	0	91 U 126 V	2,935	0	1,701	1,103,733	32,867	123,606
3X Navajo (386) 02-001-20011	30	430	0	353 U 487 V	2,312	14	6,580	1,880,016	264,022	615,806
4 Navajo (384) 02-001-20009	31	3,472	12,248	13 U 18 V	24,265	79,451	225	3,423,020	1,968,943	101,529
6 Navajo (390) 02-001-20014	31	172	0	13 U 18 V	1,644	0	243	276,463	12,448	84,914
9 Navajo (396) 02-001-20020		0	0	0	0	0	0	1,656,074	554,845	259,211
11 Navajo (506) 02-001-20106	31	396	0	434 U	2,509	0	3,402	933,652	81,446	616,307
14 Navajo (416) 02-001-20040	31	74	0	52 U 72 V	721	0	972	306,339	21,041	146,169
15 Navajo (417) 02-001-20041		0	0	0	0	0	0	114,819	15,449	37,903
16 Navajo (419) 02-001-20043		0	0	0	0	0	0	96,442	34,583	16,680
17 Navajo (618) 02-001-20190		0	0	0	0	0	0	55,565	8,931	41,056
19 Navajo (691) 02-001-20240	30	391	0	540 U	3,535	0	4,320	307,464	11,443	229,582
20 Navajo (696) 02-001-20245	31	130	0	13 U 18 V	1,154	0	228	178,869	4,074	79,795

Legend on page 4.

DINEH-BI-KEYAH(Cont'd)	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF-DISP		YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
Kerr McGee Corp.											
21 Navajo (693) 02-001-20242	31	403	0	39 54	U V	2,123	0	711	52,968	26,816	27,057
22 Navajo (692) 02-001-20241	31	106	0	52 72	U V	590	0	972	45,587	4,153	30,284
24 Navajo (695) 02-001-20244		0	0	0		0	0	0	97,499	364,648	49,699
25 Navajo (719) 02-001-20249	30	106	0	126 174	U V	1,060	0	2,410	63,284	3,842	52,572
26 Navajo (720) 02-001-20250		0	0	0		0	0	0	8,010	3,847	10,751
27 Navajo (721) 02-001-20251	31	86	0	78 108	U V	1,177	0	1,356	75,624	665	48,649
1X Navajo-B (445) 02-001--20068	31	521	0	104 144	U V	5,331	0	1,944	1,827,885	49,244	212,122
1 Navajo-C (484) 02-001-20092	31	30	0	13 18	U V	115	0	117	6,549	2,092	1,538
2 Navajo-88 (431) 02-001-20055	31	770	372	91 126	U V	5,337	2,461	1,610	814,118	271,731	133,422
3 Navajo-88 (443) 02-001-20066		0	0	0		0	0	0	177,217	58,629	182,629
6 Navajo-88 (722) 02-001-20252	31	89	0	13 18	U V	410	0	231	41,875	728	260,321
1 Navajo-138 (388) 02-001-20012	31	530	0	445 609	U V	4,268	6	8,228	1,096,330	63,527	606,745
3 Navajo-138 (723) 02-001-20253	28	127	0	165 227	U V	1,221	0	3,318	88,636	5,147	88,496
Operator & Field Total		8,253	12,620	4,924		60,707	81,932	38,568	14,728,038	3,865,161	4,056,843
Abandoned Producers									2,801,629	1,096,330	436,809
TOTAL									17,529,667	4,961,491	4,493,652

	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF-DISP		YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corporation											
2 Navajo-138 (106) 02-001-05303	26	106	0	43,992	S	463	0	191,138	8,029	65,124	274,963
3 Navajo-138 (115) 02-001-05305	5	29	180	1,719	S	2,194	31,446	1,719	462,866	477,357	48,238
6 Navajo-138 (852) 02-001-20283	15	602	14,514	0		8,450	140,846	0	80,218	375,552	3,549
Operator & Field Total		737	14,694	45,711		11,107	172,292	192,857	551,113	918,033	326,750
Abandoned Producers									239,961	1,077,818	27,499
TOTAL									791,074	1,995,851	354,249
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corporation											
1 Navajo-O (232) 02-001-05171		0	0	0		0	0	0	197,012	16,172	1,105,920
3 Navajo-O (640) 02-001-20207		0	0	0		0	0	0	141,691	27,035	149,840
4 Navajo-O (663) 02-001-20219		0	0	0		0	0	0	105,064	128,402	82,735
5 Navajo-O (678) 02-001-20228		0	0	0		0	0	0	29,212	35,218	72,305
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL									486,329	364,211	1,430,419

	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF-DISP		YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
1 Navajo (28)	8	18	0	250	S	661	34,686	1,861	132,796	645,416	1,928,827
02-001-05199				41	U						
2 Navajo (22)	26	129	0	2,249	S	962	368	11,548	16,791	8,726	1,763,365
02-001-05200				133	U						
3-11 Navajo (490)	23	155	10,785	0	S	1,226	30,663	25,410	7,755	111,930	28,590
02-001-20095				7,696	V						
Operator and Field Total		302	10,785	10,369		2,849	65,717	38,819	157,342	766,072	3,720,782
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL									867,013	4,978,334	9,626,270
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Company **											
1 Black Rock (559)	28	0	165	8,300	S	0	165	57,627	806	233	759,742
02-001-20145				95	U						
2 Black Rock (615)		0	0	0		274	7,290	68,969	3,576	257,596	1,598,225
02-001-20188											
3 Black Rock (581)	28	48	166	5,336	S	386	269	37,708	2,051	884	301,350
02-001-20162				95	U						
5 Black Rock (868)	28	58	165	8,300	S	483	637	57,627	3,416	637	744,427
02-001-20287				95	U						
8 Black Rock (871)	28	209	166	37,352	S	1,860	275	257,571	2,714	275	463,458
02-001-20290				95	U						
Operator and Field Total		315	662	59,668		3,003	8,636	479,502	12,563	259,625	3,867,202
Abandoned Producers									13,698	25,412	36,340
TOTAL									26,261	285,037	3,903,542
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		9,607	38,761	120,672		77,666	328,577	749,746	19,820,441	12,789,692	23,327,118

Helium: Between 1959 and 1976 cumulative production of Helium was 9,238,739 MCF.

[] Reflects AMENDED Reports

Gas Disposition Symbols in this Report:
V - Flared/Vented
U - Used on Lease
S - Sold
L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - API Well Number
** - Allocation between wells estimated by operator

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	30	218	0	0 S	3,153	0	1,911	1,103,951	32,867	123,816
API# API# 02-001-20001				86 U						
				124 V						
01 Navajo-138 (388)	30	290	0	0 S	4,558	6	9,248	1,096,620	63,527	607,765
API# 02-001-20012				420 U						
				600 V						
01 Navajo-C (484)	30	29	0	0 S	144	0	147	6,578	2,092	1,568
API# 02-001-20092				12 U						
				18 V						
01X Navajo-B (445)	30	707	0	0 S	6,038	0	2,184	1,828,592	49,244	212,362
API# 02-001--20068				99 U						
				141 V						
02 Navajo-88 (431)	29	706	370	0 S	6,043	2,831	1,813	814,824	272,101	133,625
API# 02-001-20055				83 U						
				120 V						
03 Navajo-138 (723)	29	159	0	0 S	1,380	0	3,724	88,795	5,147	88,902
API# 02-001-20253				167 U						
				239 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	30	315	0	0 S	2,627	14	7,420	1,880,331	264,022	516,646
API# 02-001-20011				345 U						
				495 V						
04 Navajo (384)	28	2,918	9,951	0 S	27,183	89,402	253	3,425,938	1,978,894	101,557
API# 02-001-20009				11 U						
				17 V						
06 Navajo (390)	29	140	0	0 S	1,784	0	272	276,603	12,448	84,943
API# 02-001-20014				12 U						
				17 V						
06 Navajo-88 (722)	30	71	0	0 S	481	0	261	41,946	728	260,351
API# 02-001-20252				12 U						
				18 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0 S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0 U						
				0 V						
11 Navajo (506)	30	577	0	0 S	3,086	0	3,822	934,229	81,446	616,727
API# 02-001-20106				420 U						
				0 V						
14 Navajo (416)	30	59	0	0 S	780	0	1,092	306,398	21,041	146,289
API# 02-001-20040				49 U						
				71 V						
15 Navajo (417)	0	0	0	0 S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0 U						
				0 V						
16 Navajo (419)	0	0	0	0 S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0 U						
				0 V						
17 Navajo (618)	0	0	0	0 S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0 U						
				0 V						
19 Navajo (691)	30	315	0	0 S	3,850	0	4,860	307,779	11,443	230,122
API# 02-001-20240				540 U						
				0 V						
20 Navajo (696)	30	127	0	0 S	1,281	0	258	178,996	4,074	79,825
API# 02-001-20245				12 U						
				18 V						
21 Navajo (693)	29	330	0	0 S	2,453	0	798	53,298	26,816	27,144
API# 02-001-20242				36 U						
				51 V						
22 Navajo (692)	30	94	0	0 S	684	0	1,092	45,681	4,153	30,404
API# 02-001-20241				49 U						
				71 V						
24 Navajo (695)	0	0	0	0 S	0	0	0	97,499	364,648	49,699
API# 02-001-20249				0 U						
				0 V						
25 Navajo (719)	30	94	0	0 S	1,154	0	2,710	63,378	3,842	52,872
API# 02-001-20249				123 U						
				177 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20251				0	U						
				0	V						
27 Navajo (721)	30	127	0	0	S	1,304	0	1,536	75,751	665	48,829
API# 02-001-20251				74	U						
				106	V						
Operator & Field Total		7,276	10,321	4,833		67,983	92,253	43,401	14,735,314	3,875,482	4,061,676
Abandoned Producers									2,801,629	1,096,330	426,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,536,943	4,971,812	4,488,485
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	30	40	0	49,546	S	503	0	240,684	8,069	65,124	324,509
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	28	29	0	27,195	S	2,223	31,446	28,914	462,895	477,357	75,433
API# 02-001-05305				0	U						
				0	V						
06 Navajo-138 (852)	27	1,114	12,002	0	S	9,564	152,848	0	81,332	387,554	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		1,183	12,002	76,741		12,290	184,294	269,598	552,296	930,035	403,491
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									792,257	2,007,853	430,990
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	30	156	6,834	163	S	817	41,520	2,174	132,952	652,250	1,929,140
API# 02-001-05199				150	U						
				0	V						
02 Navajo (22)	13	21	102	1,467	S	983	470	13,072	16,812	8,828	1,764,897
API# 02-001-05200				65	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	1,226	30,663	25,410	7,755	111,930	28,590
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		177	6,936	1,845		3,026	72,653	40,656	157,519	773,008	3,722,627
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,190	4,985,270	9,628,115
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	30	0	0	10,277	S	0	165	67,999	806	233	770,114
API# 02-001-20145				95	U						
				0	V						
02 Black Rock (615)	0	0	0	0	S	274	7,290	68,969	3,576	257,596	1,598,225
API# 02-001-20188				0	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	30	0	106	6,607	S	*338	375	44,410	*2,003	990	308,052
API# 02-001-20162				95	U						
				0	V						
05 Black Rock (868)	30	0	485	10,277	S	*425	1,122	67,999	*3,358	1,122	754,799
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	30	161	112	46,249	S	2,021	387	303,915	2,875	387	509,802
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		161	703	73,790		3,058	9,339	553,292	12,618	260,328	3,940,992
Abandoned Producers									13,698	25,412	26,340
TOTAL BLACK ROCK (ISMAY/AKAH)									26,316	285,740	3,967,332
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		8,797	29,962	157,209		86,357	358,539	906,947	19,829,132	12,819,654	23,464,327

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)											
Kerr-McGee Corp.											
01 Navajo (377)	31	167	0	0	S	3,320	0	2,128	1,104,118	32,867	124,033
API# API# 02-001-20001				117	U						
				100	V						
01 Navajo-138 (388)	31	296	0	0	S	4,854	6	10,302	1,096,916	63,527	608,819
API# 02-001-20012				565	U						
				489	V						
01 Navajo-C (484)	31	24	0	0	S	168	0	178	6,602	2,092	1,599
API# 02-001-20092				17	U						
				14	V						
01X Navajo-B (445)	30	654	0	0	S	6,692	0	2,424	1,829,246	49,244	212,602
API# 02-001--20068				129	U						
				111	V						
02 Navajo-88 (431)	30	611	223	0	S	6,654	3,054	2,023	815,435	272,324	133,835
API# 02-001-20055				113	U						
				97	V						
03 Navajo-138 (723)	31	124	0	0	S	1,504	0	4,158	88,919	5,147	89,336
API# 02-001-20253				234	U						
				200	V						
03 Navajo-88 (443)	0	0	0	0	S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0	U						
				0	V						
03X Navajo (386)	31	328	0	0	S	2,955	14	8,288	1,880,659	264,022	617,514
API# 02-001-20011				467	U						
				401	V						
04 Navajo (384)	28	2,982	11,293	0	S	30,165	100,695	281	3,428,920	1,990,187	101,585
API# 02-001-20009				15	U						
				13	V						
06 Navajo (390)	31	152	0	0	S	1,936	0	303	276,755	12,448	84,974
API# 02-001-20014				17	U						
				14	V						
06 Navajo-88 (722)	31	66	0	0	S	547	0	292	42,012	728	260,382
API# 02-001-20252				17	U						
				14	V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0 S	0	0	0	8,010	3,847	10,751
API# 02-001-20251				0 U						
				0 V						
27 Navajo (721)	29	146	0	0 S	1,450	0	1,710	75,897	665	49,003
API# 02-001-20251				94 U						
				80 V						
Operator & Field Total		7,316	11,516	4,944	75,299	103,769	48,345	14,742,630	3,886,998	4,066,620
Abandoned Producers								2,801,629	1,096,330	426,809
TOTAL DINEH-BI-KEYAH (HERMOSA)								17,544,259	4,983,328	4,493,429
DRY MESA (MISSISSIPPIAN)										
Dry Mesa Corp.										
02 Navajo-138 (106)	31	40	0	49,153 S	543	0	289,837	8,109	65,124	373,662
API# 02-001-05303				0 U						
				0 V						
03 Navajo-138 (115)	28	0	0	26,275 S	2,223	31,446	55,189	462,895	477,357	101,708
API# 02-001-05305				0 U						
				0 V						
06 Navajo-138 (852)	26	1,034	22,073	0 S	10,598	174,921	0	82,366	409,627	3,549
API# 02-001-20283				0 U						
				0 V						
Operator & Field Total		1,074	22,073	75,428	13,364	206,367	345,026	553,370	952,108	478,919
Abandoned Producers								239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)								793,331	2,029,926	506,418
TEEC NOS POS (ISMAY/DESERT CREEK)										
Dry Mesa Corp.										
01 Navajo-O (232)	0	0	0	0 S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0 U						
				0 V						
03 Navajo-O (640)	0	0	0	0 S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	31	117	8,617	0	S	934	50,137	2,332	133,069	660,867	1,929,298
API# 02-001-05199				158	U						
				0	V						
02 Navajo (22)	0	0	0	0	S	991	470	13,072	16,820	8,828	1,764,897
API# 02-001-05200				0	U						
				0	V						
03-11 Navajo (490)	3	2	1,875	0	S	1,228	32,538	25,410	7,757	113,805	28,590
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		119	10,492	158		3,153	83,145	40,814	157,646	783,500	3,722,785
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,317	4,995,762	9,628,273
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	5	0	0	9,218	S	0	165	77,312	806	233	779,427
API# 02-001-20145				95	U						
				0	V						
02 Black Rock (615)	0	0	0	0	S	274	7,290	68,969	3,576	257,596	1,598,225
API# 02-001-20188				0	U						
				0	V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	5	25	100	5,926	S	363	475	50,431	2,028	1,090	314,073
API# 02-001-20162				95	U						
				0	V						
05 Black Rock (868)	5	114	461	9,218	S	539	1,583	77,312	3,472	1,583	764,112
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	5	112	107	41,480	S	2,133	494	345,490	2,987	494	551,377
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		251	668	66,222		3,309	10,007	619,514	12,869	260,996	4,007,214
Abandoned Producers									13,698	25,412	26,340
TOTAL BLACK ROCK (ISMAY/AKAH)									26,567	286,408	4,033,554
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		8,760	44,749	146,752		95,125	403,288	1,053,699*	19,837,900	12,864,403	23,611,079

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	27	179	0	0 S	3,499	0	2,317	1,104,297	32,867	124,222
API# API# 02-001-20001				127 U						
				62 V						
01 Navajo-138 (388)	25	295	0	0 S	5,149	6	11,152	1,097,211	63,527	609,669
API# 02-001-20012				573 U						
				277 V						
01 Navajo-C (484)	27	27	0	0 S	195	0	205	6,629	2,092	1,626
API# 02-001-20092				18 U						
				9 V						
01X Navajo-B (445)	27	499	0	0 S	7,191	0	2,640	1,829,745	49,244	212,818
API# 02-001--20068				145 U						
				71 V						
02 Navajo-88 (431)	24	436	106	0 S	7,090	3,160	2,191	815,871	272,430	134,003
API# 02-001-20055				113 U						
				55 V						
03 Navajo-138 (723)	24	98	0	0 S	1,602	0	4,494	89,017	5,147	89,672
API# 02-001-20253				226 U						
				110 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	26	328	0	0 S	3,283	14	9,016	1,880,987	264,022	618,242
API# 02-001-20011				489 U						
				239 V						
04 Navajo (384)	23	2,479	8,893	0 S	32,644	109,588	304	3,431,399	1,999,080	101,608
API# 02-001-20009				15 U						
				8 V						
06 Navajo (390)	24	123	0	0 S	2,059	0	327	276,878	12,448	84,998
API# 02-001-20014				16 U						
				8 V						
06 Navajo-88 (722)	24	115	0	0 S	662	0	316	42,127	728	260,406
API# 02-001-20252				16 U						
				8 V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0 S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0 U						
				0 V						
11 Navajo (506)	26	696	0	0 S	4,564	0	4,578	935,707	81,446	617,483
API# 02-001-20106				364 U						
				0 V						
14 Navajo (416)	24	28	0	0 S	845	0	1,312	306,463	21,041	146,509
API# 02-001-20040				65 U						
				31 V						
15 Navajo (417)	0	0	0	0 S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0 U						
				0 V						
16 Navajo (419)	0	0	0	0 S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0 U						
				0 V						
17 Navajo (618)	0	0	0	0 S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0 U						
				0 V						
19 Navajo (691)	24	293	0	0 S	4,471	0	5,850	308,400	11,443	231,112
API# 02-001-20240				432 U						
				0 V						
20 Navajo (696)	24	80	0	0 S	1,466	0	313	179,181	4,074	79,880
API# 02-001-20245				16 U						
				8 V						
21 Navajo (693)	27	377	0	0 S	3,162	0	966	54,007	26,816	27,312
API# 02-001-20242				54 U						
				27 V						
22 Navajo (692)	27	80	0	0 S	861	0	1,324	45,858	4,153	30,636
API# 02-001-20241				73 U						
				35 V						
24 Navajo (695)	0	0	0	0 S	0	0	0	97,499	364,648	49,699
API# 02-001-20249				0 U						
				0 V						
25 Navajo (719)	24	69	0	0 S	1,308	0	3,260	63,532	3,842	53,422
API# 02-001-20249				161 U						
				79 V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20251				0	U						
				0	V						
27 Navajo (721)	24	130	0	0	S	1,580	0	1,854	76,027	665	49,147
API# 02-001-20251				97	U						
				47	V						
Operator & Field Total		6,332	8,999	4,074		81,631	112,768	52,419	14,748,962	3,895,997	4,070,694
Abandoned Producers									2,801,629	1,096,330	426,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,550,591	4,992,327	4,497,503
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	30	45	0	43,748	S	588	0	333,586	8,154	65,124	417,411
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	26	0	0	19,871	S	2,223	31,446	75,060	462,895	477,357	121,579
API# 02-001-05305				0	U						
				0	V						
06 Navajo-138 (852)	20	757	22,294	0	S	11,355	197,215	0	83,123	431,921	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		802	22,294	63,619		14,166	228,661	408,646	554,172	974,402	542,539
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									794,133	2,052,220	570,038
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0 S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0 U						
				0 V						
05 Navajo-O (678)	0	0	0	0 S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0 U						
				0 V						
Operator & Field Total		0	0	0	0	0	0	472,979	206,827	1,410,800
Abandoned Producers								13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)								486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)										
Merrion Oil & Gas										
01 Navajo (28)	6	55	0	35 S	989	50,137	2,397	133,124	660,867	1,929,363
API# 02-001-05199				30 U						
				0 V						
02 Navajo (22)	1	0	0	314 S	991	470	13,391	16,820	8,828	1,765,216
API# 02-001-05200				5 U						
				0 V						
03-11 Navajo (490)	30	233	8,969	0 S	1,461	41,507	31,037	7,990	122,774	34,217
API# 02-001-20095				0 U						
				5,627 V						
Operator & Field Total		288	8,969	6,011	3,441	92,114	46,825	157,934	792,469	3,728,796
Abandoned Producers								709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)								867,605	5,004,731	9,634,284
BLACK ROCK (ISMAY/AKAH)										
Chuska Energy Co.**										
01 Black Rock (559)	2	0	0	7,587 S	0	165	84,994	806	233	787,109
API# 02-001-20145				95 U						
				0 V						
02 Black Rock (615)	0	0	0	0 S	274	7,290	68,969	3,576	257,596	1,598,225
API# 02-001-20188				0 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	2	1	119	4,878	S	364	594	55,404	2,029	1,209	319,046
API# 02-001-20162				95	U						
				0	V						
05 Black Rock (868)	2	2	548	7,589	S	541	2,131	84,996	3,474	2,131	771,796
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	26	74	127	34,150	S	2,207	621	379,735	3,061	621	585,622
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		77	794	54,584		3,386	10,801	674,098	12,946	261,790	4,061,798
Abandoned Producers									13,698	25,412	26,340
TOTAL BLACK ROCK (ISMAY/AKAH)									26,644	287,202	4,088,138
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		7,499	41,056	128,288		102,624	444,344	1,181,988	19,845,399	12,905,459	23,739,368

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF-DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	31	189	0	0 S	3,688	0	2,534	1,104,486	32,867	124,439
API# API# 02-001-20001				121 U						
				96 V						
01 Navajo-138 (388)	29	362	0	0 S	5,511	6	12,138	1,097,573	63,527	610,655
API# 02-001-20012				548 U						
				438 V						
01 Navajo-C (484)	31	33	0	0 S	228	0	236	6,662	2,092	1,657
API# 02-001-20092				17 U						
				14 V						
01X Navajo-B (445)	31	511	0	0 S	7,702	0	2,888	1,830,256	49,244	213,066
API# 02-001--20068				138 U						
				110 V						
02 Navajo-88 (431)	29	552	142	0 S	7,642	3,302	2,394	816,423	272,572	134,206
API# 02-001-20055				113 U						
				90 V						
03 Navajo-138 (723)	30	121	0	0 S	1,723	0	4,914	89,138	5,147	90,092
API# 02-001-20253				234 U						
				186 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	29	345	0	0 S	3,628	14	9,828	1,881,332	264,022	619,054
API# 02-001-20011				452 U						
				360 V						
04 Navajo (384)	29	3,407	12,462	0 S	36,051	122,050	333	3,434,806	2,011,542	101,637
API# 02-001-20009				16 U						
				13 V						
06 Navajo (390)	30	169	0	0 S	2,228	0	357	277,047	12,448	85,028
API# 02-001-20014				17 U						
				13 V						
06 Navajo-88 (722)	30	208	0	0 S	870	0	346	42,335	728	260,436
API# 02-001-20252				17 U						
				13 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396) API# 02-001-20020	0	0	0	0 S 0 U 0 V	0	0	0	1,656,074	554,845	259,211
11 Navajo (506) API# 02-001-20106	31	621	0	0 S 434 U 0 V	5,185	0	5,012	936,328	81,446	617,917
14 Navajo (416) API# 02-001-20040	30	39	0	0 S 67 U 53 V	884	0	1,432	306,502	21,041	146,629
15 Navajo (417) API# 02-001-20041	0	0	0	0 S 0 U 0 V	0	0	0	114,819	15,449	37,903
16 Navajo (419) API# 02-001-20043	0	0	0	0 S 0 U 0 V	0	0	0	96,442	34,583	16,680
17 Navajo (618) API# 02-001-20190	0	0	0	0 S 0 U 0 V	0	0	0	55,565	8,931	41,056
19 Navajo (691) API# 02-001-20240	30	380	0	0 S 540 U 0 V	4,851	0	6,390	308,780	11,443	231,652
20 Navajo (696) API# 02-001-20245	29	96	0	0 S 16 U 13 V	1,562	0	342	179,277	4,074	79,909
21 Navajo (693) API# 02-001-20242	30	360	0	0 S 50 U 40 V	3,522	0	1,056	54,367	26,816	27,402
22 Navajo (692) API# 02-001-20241	21	76	0	0 S 47 U 37 V	937	0	1,408	45,934	4,153	30,720
24 Navajo (695) API# 02-001-20249	0	0	0	0 S 0 U 0 V	0	0	0	97,499	364,648	49,699
25 Navajo (719) API# 02-001-20249	31	87	0	0 S 173 U 137 V	1,395	0	3,570	63,619	3,842	53,732

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20251				0	U						
				0	V						
27 Navajo (721)	30	166	0	0	S	1,746	0	2,034	76,193	665	49,327
API# 02-001-20251				100	U						
				80	V						
Operator & Field Total		7,722	12,604	4,793		89,353	125,372	57,212	14,756,684	3,908,601	4,075,487
Abandoned Producers									2,801,629	1,096,330	426,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,558,313	5,004,931	4,502,296
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	15	35	0	30,622	S	623	0	364,208	8,189	65,124	448,033
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	14	3	0	9,287	S	2,226	31,446	84,347	462,898	477,357	130,866
API# 02-001-05305				0	U						
				0	V						
06 Navajo-138 (852)	20	766	22,387	0	S	12,121	219,602	0	83,889	454,308	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		804	22,387	39,909		14,970	251,048	448,555	554,976	996,789	582,448
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									794,937	2,074,607	609,947
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						

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ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0 S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0 U						
				0 V						
05 Navajo-O (678)	0	0	0	0 S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0 U						
				0 V						
Operator & Field Total		0	0	0	0	0	0	472,979	206,827	1,410,800
Abandoned Producers								13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)								486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)										
Merrion Oil & Gas										
01 Navajo (28)	1	0	1,346	0 S	989	51,483	2,402	133,124	662,213	1,929,368
API# 02-001-05199				5 U						
				0 V						
02 Navajo (22)	0	0	0	0 S	991	470	13,391	16,820	8,828	1,765,216
API# 02-001-05200				0 U						
				0 V						
03-11 Navajo (490)	30	31	0	0 S	1,492	41,507	32,043	8,021	122,774	35,223
API# 02-001-20095				0 U						
				1,006 V						
Operator & Field Total		31	1,346	1,011	3,472	93,460	47,836	157,965	793,815	3,729,807
Abandoned Producers								709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)								867,636	5,006,077	9,635,295
BLACK ROCK (ISMAY/AKAH)										
Chuska Energy Co.**										
01 Black Rock (559)	12	0	0	7,323 S	0	165	92,412	806	233	794,527
API# 02-001-20145				95 U						
				0 V						
02 Black Rock (615)	0	0	0	0 S	274	7,290	68,969	3,576	257,596	1,598,225
API# 02-001-20188				0 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	12	39	80	4,708	S	403	674	60,207	2,068	1,289	323,849
API# 02-001-20162				95	U						
				0	V						
05 Black Rock (868)	12	181	369	7,323	S	722	2,500	92,414	3,655	2,500	779,214
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	24	35	86	32,956	S	2,242	707	412,786	3,096	707	618,673
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total	255	535	52,690			3,641	11,336	726,788	13,201	262,325	4,114,488
Abandoned Producers									13,698	25,412	26,340
TOTAL BLACK ROCK (ISMAY/AKAH)									26,899	287,737	4,140,828
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS	8,812	36,872	98,403			111,436	481,216	1,280,391	19,854,211	12,942,331	23,837,771

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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30473-1

ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF-DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	31	202	0	0 S	202	0	217	1,104,688	32,867	124,656
API# API# 02-001-20001				114 U						
				103 V						
01 Navajo-138 (388)	31	410	0	0 S	410	0	1,054	1,097,983	63,527	611,709
API# 02-001-20012				553 U						
				501 V						
01 Navajo-C (484)	31	32	0	0 S	32	0	31	6,694	2,092	1,688
API# 02-001-20092				16 U						
				15 V						
01X Navajo-B (445)	31	582	0	0 S	582	0	248	1,830,838	49,244	213,314
API# 02-001--20068				130 U						
				118 V						
02 Navajo-88 (431)	30	162	139	0 S	162	139	210	816,585	272,711	134,416
API# 02-001-20055				110 U						
				100 V						
03 Navajo-138 (723)	30	129	0	0 S	129	0	420	89,267	5,147	90,512
API# 02-001-20253				220 U						
				200 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	29	369	0	0 S	369	0	812	1,881,701	264,022	619,866
API# 02-001-20011				426 U						
				386 V						
04 Navajo (384)	31	3,598	12,249	0 S	3,598	12,249	31	3,438,404	2,023,791	101,668
API# 02-001-20009				16 U						
				15 V						
06 Navajo (390)	31	183	0	0 S	183	0	31	277,230	12,448	85,059
API# 02-001-20014				16 U						
				15 V						
06 Navajo-88 (722)	31	150	0	0 S	150	0	31	42,485	728	260,467
API# 02-001-20252				16 U						
				15 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396) API# 02-001-20020	0	0	0	0 S 0 U 0 V	0	0	0	1,656,074	554,845	259,211
11 Navajo (506) API# 02-001-20106	31	734	0	0 S 434 U 0 V	734	0	434	937,062	81,446	618,351
14 Navajo (416) API# 02-001-20040	30	35	0	0 S 63 U 57 V	35	0	120	306,537	21,041	146,749
15 Navajo (417) API# 02-001-20041	0	0	0	0 S 0 U 0 V	0	0	0	114,819	15,449	37,903
16 Navajo (419) API# 02-001-20043	0	0	0	0 S 0 U 0 V	0	0	0	96,442	34,583	16,680
17 Navajo (618) API# 02-001-20190	0	0	0	0 S 0 U 0 V	0	0	0	55,565	8,931	41,056
19 Navajo (691) API# 02-001-20240	30	563	0	0 S 540 U 0 V	563	0	540	309,343	11,443	232,192
20 Navajo (696) API# 02-001-20245	31	115	0	0 S 16 U 15 V	115	0	31	179,392	4,074	79,940
21 Navajo (693) API# 02-001-20242	31	423	0	0 S 49 U 44 V	423	0	93	54,790	26,816	27,495
22 Navajo (692) API# 02-001-20241	31	96	0	0 S 65 U 59 V	96	0	124	46,030	4,153	30,844
24 Navajo (695) API# 02-001-20249	0	0	0	0 S 0 U 0 V	0	0	0	97,499	364,648	49,699
25 Navajo (719) API# 02-001-20249	31	89	0	0 S 163 U 147 V	89	0	310	63,708	3,842	54,042

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20251				0	U						
				0	V						
27 Navajo (721)	29	172	0	0	S	172	0	174	76,365	665	49,501
API# 02-001-20251				91	U						
				83	V						
Operator & Field Total		8,044	12,388	4,911		8,044	12,388	4,911	14,764,728	3,920,989	4,080,398
Abandoned Producers									2,801,629	1,096,330	436,809*
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,566,357	5,017,319	4,517,207*
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	23	15	0	30,346	S	15	0	30,346	8,204	65,124	478,378*
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	23	10	0	7,659	S	10	0	7,659	462,879*	477,357	138,525
API# 02-001-05305				0	U						
				0	V						
06 Navajo-138 (852)	20	673	21,976	0	S	673	21,976	0	84,562	476,284	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		698	21,976	38,005		698	21,976	38,005	555,645*	1,018,765	620,452*
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									795,606*	2,096,583	647,951*
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	1	5	0	0	S	5	0	2	133,129	662,213	1,929,370
API# 02-001-05199				2	U						
				0	V						
02 Navajo (22)	1	12	0	0	S	12	0	5	16,832	8,828	1,765,221
API# 02-001-05200				5	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		17	0	7		17	0	7	157,982	793,815	3,729,814
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,653	5,006,077	9,635,302
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	17	12	0	8,180	S	12	0	8,275	818	233	802,802
API# 02-001-20145				95	U						
				0	V						
03 Black Rock (581)	17	41	95	5,259	S	41	95	5,354	2,104*	1,384	329,203
API# 02-001-20162				95	U						
				0	V						

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ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
05 Black Rock (868)	17	4	435	8,180	S	4	435	8,275	3,632*	2,935	787,489
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	10	17	100	36,809	S	17	100	36,904	3,108*	807	655,577
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		74	630	58,808		74	630	58,808	9,662*	5,359	2,575,071
Abandoned Producers									17,265	283,008	1,634,565*
TOTAL BLACK ROCK (ISMAY/AKAH)									26,927*	288,367	4,209,636*
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		8,833	34,994	101,731		8,833	34,994	101,731	19,862,969*	12,977,325	23,959,501*

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION			YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	28	187	0	0 S	389	0	413	1,104,941*	32,867	124,824*
API# 02-001-20001				109 U						
				87 V						
01 Navajo-138 (388)	28	412	0	0 S	822	0	2,006	1,098,229*	63,521*	612,470*
API# 02-001-20012				528 U						
				424 V						
01 Navajo-C (484)	28	24	0	0 S	56	0	59	6,718	2,092	1,716
API# 02-001-20092				16 U						
				12 V						
01X Navajo-B (445)	28	675	0	0 S	1,257	0	472	1,831,505*	49,244	213,540*
API# 02-001-20068				125 U						
				99 V						
02 Navajo-88 (431)	27	647	128	0 S	809	267	399	817,523*	272,938*	134,633*
API# 02-001-20055				105 U						
				84 V						
03 Navajo-138 (723)	28	137	0	0 S	266	0	812	89,279*	5,147	90,851*
API# 02-001-20253				218 U						
				174 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	28	394	0	0 S	763	0	1,596	1,882,119*	264,008*	620,681*
API# 02-001-20011				437 U						
				347 V						
04 Navajo (384)	28	2,547	10,884	0 S	6,145	23,133	59	3,441,671*	2,037,262*	101,704*
API# 02-001-20009				16 U						
				12 V						
06 Navajo (390)	28	186	0	0 S	369	0	59	277,260*	12,448	85,069*
API# 02-001-20014				16 U						
				12 V						
06 Navajo-88 (722)	28	49	0	0 S	199	0	59	42,555*	728	260,499*
API# 02-001-20252				16 U						
				12 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0 S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0 U						
				0 V						
11 Navajo (506)	28	840	0	0 S	1,574	0	826	937,670*	81,446	618,729*
API# 02-001-20106				392 U						
				0 V						
14 Navajo (416)	28	49	0	0 S	84	0	232	306,729*	21,041	146,862*
API# 02-001-20040				62 U						
				50 V						
15 Navajo (417)	0	0	0	0 S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0 U						
				0 V						
16 Navajo (419)	0	0	0	0 S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0 U						
				0 V						
17 Navajo (618)	0	0	0	0 S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0 U						
				0 V						
19 Navajo (691)	28	570	0	0 S	1,133	0	1,044	309,685*	11,443	232,678*
API# 02-001-20240				504 U						
				0 V						
20 Navajo (696)	28	113	0	0 S	228	0	59	179,364*	4,074	79,964*
API# 02-001-20245				16 U						
				12 V						
21 Navajo (693)	28	433	0	0 S	856	0	177	55,008*	26,816	27,579
API# 02-001-20242				47 U						
				37 V						
22 Navajo (692)	28	94	0	0 S	190	0	236	45,977*	4,153	30,957*
API# 02-001-20241				62 U						
				50 V						
24 Navajo (695)	0	0	0	0 S	0	0	0	97,499	364,648	49,699
API# 02-001-20244				0 U						
				0 V						
25 Navajo (719)	28	71	0	0 S	160	0	590	63,667*	3,842	54,334*
API# 02-001-20249				156 U						
				124 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0	U						
				0	V						
27 Navajo (721)	28	33	0	0	S	205	0	204	76,074*	665	49,352*
API# 02-001-20251				17	U						
				13	V						
Operator & Field Total		7,461	11,012	4,391		15,505	23,400	9,302	14,771,600*	3,934,667*	4,084,371*
Abandoned Producers									2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,573,229*	5,030,997*	4,521,180*
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	27	5	0	33,668	S	20	0	64,014	8,209	65,124	512,046
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	26	0	0	14,090	S	10	0	21,749	462,879	477,357	152,615
API# 02-001-05305				0	U						
				0	V						
06 Navajo-138 (852)	0	0	0	0	S	673	21,976	0	84,562	476,284	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		5	0	47,758		703	21,976	85,763	555,650	1,018,765	668,210
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									795,611	2,096,583	695,709
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0 S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0 U						
				0 V						
05 Navajo-O (678)	0	0	0	0 S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0 U						
				0 V						
Operator & Field Total		0	0	0	0	0	0	472,979	206,827	1,410,800
Abandoned Producers								13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)								486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)										
Merrion Oil & Gas										
01 Navajo (28)	1	2	0	0 S	7	0	7	133,131	662,213	1,929,375
API# 02-001-05199				5 U						
				0 V						
02 Navajo (22)	1	0	0	0 S	12	0	7	16,832	8,828	1,765,223
API# 02-001-05200				2 U						
				0 V						
03-11 Navajo (490)	0	0	0	0 S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0 U						
				0 V						
Operator & Field Total		2	0	7	19	0	14	157,984	793,815	3,729,821
Abandoned Producers								709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)								867,655	5,006,077	9,635,309
BLACK ROCK (ISMAY/AKAH)										
Chuska Energy Co.**										
01 Black Rock (559)	13	3	0	5,937 S	15	0	14,307	821	233	808,834
API# 02-001-20145				95 U						
				0 V						
03 Black Rock (581)	13	8	125	3,817 S	49	220	9,266	2,112	1,509	333,115
API# 02-001-20162				95 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
05 Black Rock (868)	13	22	575	5,937	S	26	1,010	14,307	3,654	3,510	793,521
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	2	2	133	26,718	S	19	233	63,717	3,110	940	682,390
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total	35	833	42,789			109	1,463	101,597	9,697	6,192	2,617,860
Abandoned Producers									17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)									26,962	289,200	4,252,425
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS	7,503	11,845	94,945			16,336	46,839	196,676	19,869,883**	12,991,836**	24,054,028*

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	31	175	0	0 S	564	0	630	1,105,116	32,867	125,041
API# 02-001-20001				124 U						
				93 V						
01 Navajo-138 (388)	31	392	0	0 S	1,214	0	3,060	1,098,621	63,521	613,524
API# 02-001-20012				603 U						
				451 V						
01 Navajo-C (484)	31	30	0	0 S	86	0	90	6,748	2,092	1,747
API# 02-001-20092				18 U						
				13 V						
01X Navajo-B (445)	31	674	0	0 S	1,931	0	720	1,832,179	49,244	213,788
API# 02-001-20068				142 U						
				106 V						
02 Navajo-88 (431)	31	629	151	0 S	1,438	418	616	818,152	273,089	134,850
API# 02-001-20055				124 U						
				93 V						
03 Navajo-138 (723)	31	128	0	0 S	394	0	1,246	89,407	5,147	91,285
API# 02-001-20253				248 U						
				186 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	31	370	0	0 S	1,133	0	2,464	1,882,489	264,008	621,549
API# 02-001-20011				497 U						
				371 V						
04 Navajo (384)	31	2,972	10,299	0 S	9,117	33,432	90	3,444,643	2,047,561	101,735
API# 02-001-20009				18 U						
				13 V						
06 Navajo (390)	31	165	0	0 S	534	0	90	277,425	12,448	85,100
API# 02-001-20014				18 U						
				13 V						
06 Navajo-88 (722)	31	36	0	0 S	235	0	90	42,591	728	260,530
API# 02-001-20252				18 U						
				13 V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0 S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0 U						
				0 V						
11 Navajo (506)	30	805	0	0 S	2,379	0	1,246	938,475	81,446	619,149
API# 02-001-20106				420 U						
				0 V						
14 Navajo (416)	31	37	0	0 S	121	0	356	306,766	21,041	146,986
API# 02-001-20040				71 U						
				53 V						
15 Navajo (417)	0	0	0	0 S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0 U						
				0 V						
16 Navajo (419)	0	0	0	0 S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0 U						
				0 V						
17 Navajo (618)	0	0	0	0 S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0 U						
				0 V						
19 Navajo (691)	24	394	0	0 S	1,527	0	1,476	310,079	11,443	233,110
API# 02-001-20240				432 U						
				0 V						
20 Navajo (696)	31	108	0	0 S	336	0	90	179,472	4,074	79,995
API# 02-001-20245				18 U						
				13 V						
21 Navajo (693)	31	415	0	0 S	1,271	0	270	55,423	26,816	27,672
API# 02-001-20242				53 U						
				40 V						
22 Navajo (692)	25	72	0	0 S	262	0	336	46,049	4,153	31,057
API# 02-001-20241				57 U						
				43 V						
24 Navajo (695)	0	0	0	0 S	0	0	0	97,499	364,648	49,699
API# 02-001-20244				0 U						
				0 V						
25 Navajo (719)	31	62	0	0 S	222	0	900	63,729	3,842	54,644
API# 02-001-20249				177 U						
				133 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0 S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0 U						
				0 V						
27 Navajo (721)	0	0	0	0 S	205	0	204	76,074	665	49,352
API# 02-001-20251				0 U						
				0 V						
Operator & Field Total		7,464	10,450	4,672	22,969	33,850	13,974	14,779,064	3,945,117	4,089,043
Abandoned Producers								2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)								17,580,693	5,041,447	4,525,852
DRY MESA (MISSISSIPPIAN)										
Dry Mesa Corp.										
02 Navajo-138 (106)	28	4	0	28,312 S	24	0	92,326	8,213	65,124	540,358
API# 02-001-05303				0 U						
				0 V						
03 Navajo-138 (115)	8	1	0	3,348 S	11	0	25,097	462,880	477,357	155,963
API# 02-001-05305				0 U						
				0 V						
06 Navajo-138 (852)	0	0	0	0 S	673	21,976	0	84,562	476,284	3,549
API# 02-001-20283				0 U						
				0 V						
Operator & Field Total		5	0	31,660	708	21,976	117,423	555,655	1,018,765	699,870
Abandoned Producers								239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)								795,616	2,096,583	727,369
TEEC NOS POS (ISMAY/DESERT CREEK)										
Dry Mesa Corp.										
01 Navajo-O (232)	0	0	0	0 S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0 U						
				0 V						
03 Navajo-O (640)	0	0	0	0 S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	1	1	0	0	S	8	0	12	133,132	662,213	1,929,380
API# 02-001-05199				5	U						
				0	V						
02 Navajo (22)	1	1	0	0	S	13	0	9	16,833	8,828	1,765,225
API# 02-001-05200				2	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		2	0	7		21	0	21	157,986	793,815	3,729,828
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,657	5,006,077	9,635,316
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	12	3	0	6,873	S	18	0	21,275	824	233	815,802
API# 02-001-20145				95	U						
				0	V						
03 Black Rock (581)	12	7	104	4,419	S	56	324	13,780	2,119	1,613	337,629
API# 02-001-20162				95	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
05 Black Rock (868)	12	16	477	6,873	S	42	1,487	21,275	3,670	3,987	800,489
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	1	1	111	30,931	S	20	344	94,743	3,111	1,051	713,416
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		27	692	49,476		136	2,155	151,073	9,724	6,884	2,667,336
Abandoned Producers									17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)									26,989	289,892	4,301,901
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		7,498	11,142	85,815		23,834	57,981	282,491	19,877,381	13,002,978	24,139,843

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	30	176	0	0 S	740	0	840	1,105,292	32,867	125,251
API# 02-001-20001				107 U						
				103 V						
01 Navajo-138 (388)	30	386	0	0 S	1,600	0	4,080	1,099,007	63,521	614,544
API# 02-001-20012				524 U						
				496 V						
01 Navajo-C (484)	30	29	0	0 S	115	0	120	6,777	2,092	1,777
API# 02-001-20092				15 U						
				15 V						
01X Navajo-B (445)	30	719	0	0 S	2,650	0	960	1,832,898	49,244	214,028
API# 02-001-20068				122 U						
				118 V						
02 Navajo-88 (431)	27	545	138	0 S	1,983	556	805	818,697	273,227	135,039
API# 02-001-20055				96 U						
				93 V						
03 Navajo-138 (723)	29	127	0	0 S	521	0	1,652	89,534	5,147	91,691
API# 02-001-20253				207 U						
				199 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	29	339	0	0 S	1,472	0	3,276	1,882,828	264,008	622,361
API# 02-001-20011				414 U						
				398 V						
04 Navajo (384)	30	2,916	10,367	0 S	12,033	43,799	120	3,447,559	2,057,928	101,765
API# 02-001-20009				15 U						
				15 V						
06 Navajo (390)	30	174	0	0 S	708	0	120	277,599	12,448	85,130
API# 02-001-20014				15 U						
				15 V						
06 Navajo-88 (722)	29	29	0	0 S	264	0	116	42,620	728	260,556
API# 02-001-20252				13 U						
				13 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0	S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0	U						
				0	V						
11 Navajo (506)	30	796	0	0	S	3,175	0	1,666	939,271	81,446	619,569
API# 02-001-20106				420	U						
				0	V						
14 Navajo (416)	30	37	0	0	S	158	0	476	306,803	21,041	147,106
API# 02-001-20040				61	U						
				59	V						
15 Navajo (417)	0	0	0	0	S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0	U						
				0	V						
16 Navajo (419)	0	0	0	0	S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0	U						
				0	V						
17 Navajo (618)	0	0	0	0	S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0	U						
				0	V						
19 Navajo (691)	30	525	0	0	S	2,052	0	2,016	310,604	11,443	233,650
API# 02-001-20240				540	U						
				0	V						
20 Navajo (696)	30	107	0	0	S	443	0	120	179,579	4,074	80,025
API# 02-001-20245				15	U						
				15	V						
21 Navajo (693)	30	411	0	0	S	1,682	0	360	55,834	26,816	27,762
API# 02-001-20242				46	U						
				44	V						
22 Navajo (692)	30	89	0	0	S	351	0	456	46,138	4,153	31,177
API# 02-001-20241				61	U						
				59	V						
24 Navajo (695)	0	0	0	0	S	0	0	0	97,499	364,648	49,699
API# 02-001-20244				0	U						
				0	V						
25 Navajo (719)	29	62	0	0	S	284	0	1,190	63,791	3,842	54,934
API# 02-001-20249				148	U						
				142	V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0	U						
				0	V						
27 Navajo (721)	21	179	0	0	S	384	0	324	76,253	665	49,472
API# 02-001-20251				61	U						
				59	V						
Operator & Field Total		7,646	10,505	4,723		30,615	44,355	18,697	14,786,710	3,955,622	4,093,766
Abandoned Producers									2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,588,339	5,051,952	4,530,575
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	22	4	0	27,995	S	28	0	120,321	8,217	65,124	568,353
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	2	0	0	1,577	S	11	0	26,674	462,880	477,357	157,540
API# 02-001-05305				0	U						
				0	V						
06 Navajo-138 (852)	0	0	0	0	S	673	21,976	0	84,562	476,284	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		4	0	29,572		712	21,976	146,995	555,659	1,018,765	729,442
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									795,620	2,096,583	756,941
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	1	2	0	0	S	10	0	17	133,134	662,213	1,929,385
API# 02-001-05199				5	U						
				0	V						
02 Navajo (22)	1	0	0	0	S	13	0	11	16,833	8,828	1,765,227
API# 02-001-05200				2	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		2	0	7		23	0	28	157,988	793,815	3,729,835
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,659	5,006,077	9,635,323
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	15	5	0	5,219	S	23	0	26,589	829	233	821,116
API# 02-001-20145				95	U						
				0	V						
03 Black Rock (581)	15	13	85	3,355	S	69	409	17,230	2,132	1,698	341,079
API# 02-001-20162				95	U						
				0	V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
05 Black Rock (868)	15	35	390	5,219	S	77	1,877	26,589	3,705	4,377	805,803
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	15	0	90	23,486	S	20	434	118,324	3,111	1,141	736,997
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		53	565	37,659		189	2,720	188,732	9,777	7,449	2,704,995
Abandoned Producers									17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)									27,042	290,457	4,339,560
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		7,705	11,070	71,961		31,539	69,051	354,452	19,885,086	13,014,048	24,211,804

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	30	260	0	0 S	1,000	0	1,050	1,105,552	32,867	125,461
API# 02-001-20001				110 U						
				100 V						
01 Navajo-138 (388)	31	370	0	0 S	1,970	0	5,134	1,099,377	63,521	615,598
API# 02-001-20012				553 U						
				501 V						
01 Navajo-C (484)	31	30	0	0 S	145	0	151	6,807	2,092	1,808
API# 02-001-20092				16 U						
				15 V						
01X Navajo-B (445)	29	674	0	0 S	3,324	0	1,192	1,833,572	49,244	214,260
API# 02-001-20068				122 U						
				110 V						
02 Navajo-88 (431)	29	585	173	0 S	2,568	729	1,008	819,282	273,400	135,242
API# 02-001-20055				106 U						
				97 V						
03 Navajo-138 (723)	31	119	0	0 S	640	0	2,030	89,653	5,147	92,069
API# 02-001-20253				198 U						
				180 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	29	245	0	0 S	1,717	0	4,088	1,883,073	264,008	623,173
API# 02-001-20011				425 U						
				387 V						
04 Navajo (384)	29	2,766	10,284	0 S	14,799	54,083	149	3,450,325	2,068,212	101,794
API# 02-001-20009				15 U						
				14 V						
06 Navajo (390)	30	122	0	0 S	830	0	150	277,721	12,448	85,160
API# 02-001-20014				16 U						
				14 V						
06 Navajo-88 (722)	31	57	0	0 S	321	0	147	42,677	728	260,587
API# 02-001-20252				16 U						
				15 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0 S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0 U						
				0 V						
11 Navajo (506)	30	919	0	0 S	4,094	0	2,086	940,190	81,446	619,989
API# 02-001-20106				420 U						
				0 V						
14 Navajo (416)	31	32	0	0 S	190	0	600	306,835	21,041	147,230
API# 02-001-20040				65 U						
				59 V						
15 Navajo (417)	0	0	0	0 S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0 U						
				0 V						
16 Navajo (419)	0	0	0	0 S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0 U						
				0 V						
17 Navajo (618)	0	0	0	0 S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0 U						
				0 V						
19 Navajo (691)	31	361	0	0 S	2,413	0	2,574	310,965	11,443	234,208
API# 02-001-20240				558 U						
				0 V						
20 Navajo (696)	26	86	0	0 S	529	0	146	179,665	4,074	80,051
API# 02-001-20245				14 U						
				12 V						
21 Navajo (693)	31	390	0	0 S	2,072	0	453	56,224	26,816	27,855
API# 02-001-20242				49 U						
				44 V						
22 Navajo (692)	30	84	0	0 S	435	0	576	46,222	4,153	31,297
API# 02-001-20241				63 U						
				57 V						
24 Navajo (695)	0	0	0	0 S	0	0	0	97,499	364,648	49,699
API# 02-001-20244				0 U						
				0 V						
25 Navajo (719)	26	74	0	0 S	358	0	1,450	63,865	3,842	55,194
API# 02-001-20249				136 U						
				124 V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0	U						
				0	V						
27 Navajo (721)	30	294	0	0	S	678	0	504	76,547	665	49,652
API# 02-001-20251				94	U						
				86	V						
Operator & Field Total		7,468	10,457	4,791		38,083	54,812	23,488	14,794,178	3,966,079	4,098,557
Abandoned Producers									2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,595,807	5,062,409	4,535,366
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	22	17	0	25,452	S	45	0	145,773	8,234	65,124	593,805
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	1	0	0	22	S	11	0	26,696	462,880	477,357	157,562
API# 02-001-05305				0	U						
				0	V						
05 Navajo-138 (213)	10	0	0	437	S	0	0	437	0	0	437
API# 02-001-05160				0	U						
				0	V						
06 Navajo-138 (852)	15	834	11,827	0	S	1,507	33,803	0	85,396	488,111	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		851	11,827	25,911		1,563	33,803	172,906	556,510	1,030,592	755,353
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									796,471	2,108,410	782,852
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	2	2	0	0	S	12	0	27	133,136	662,213	1,929,395
API# 02-001-05199				10	U						
				0	V						
02 Navajo (22)	2	1	0	0	S	14	0	21	16,834	8,828	1,765,237
API# 02-001-05200				10	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		3	0	20		26	0	48	157,991	793,815	3,729,855
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,662	5,006,077	9,635,343
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	6	4	0	5,532	S	27	0	32,216	833	233	826,743
API# 02-001-20145				95	U						
				0	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	6	10	96	3,555	S	79	505	20,880	2,142	1,794	344,729
API# 02-001-20162				95	U						
				0	V						
05 Black Rock (868)	6	24	442	5,532	S	101	2,319	32,216	3,729	4,819	811,430
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	4	7	103	24,893	S	27	537	143,312	3,118	1,244	761,985
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total	45	641		39,892		234	3,361	228,624	9,822	8,090	2,744,887
Abandoned Producers									17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)									27,087	291,098	4,379,452
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS	8,367	22,925	70,614			39,906	91,976	425,066	19,893,453	13,036,973	24,282,418

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	30	258	0	0 S	1,258	0	1,281	1,105,810	32,867	125,692
API# 02-001-20001				122 U						
				109 V						
01 Navajo-138 (388)	28	314	0	0 S	2,284	0	6,103	1,099,691	63,521	616,567
API# 02-001-20012				509 U						
				460 V						
01 Navajo-C (484)	30	26	0	0 S	171	0	181	6,833	2,092	1,838
API# 02-001-20092				16 U						
				14 V						
01X Navajo-B (445)	30	564	0	0 S	3,888	0	1,459	1,834,136	49,244	214,527
API# 02-001-20068				141 U						
				126 V						
02 Navajo-88 (431)	28	562	170	0 S	3,130	899	1,207	819,844	273,570	135,441
API# 02-001-20055				105 U						
				94 V						
03 Navajo-138 (723)	28	128	0	0 S	768	0	2,428	89,781	5,147	92,467
API# 02-001-20253				210 U						
				188 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	30	284	0	0 S	2,001	0	4,928	1,883,357	264,008	624,013
API# 02-001-20011				442 U						
				398 V						
04 Navajo (384)	29	2,443	10,034	0 S	17,242	64,117	198	3,452,768	2,078,246	101,843
API# 02-001-20009				26 U						
				23 V						
06 Navajo (390)	29	55	0	0 S	885	0	179	277,776	12,448	85,189
API# 02-001-20014				15 U						
				14 V						
06 Navajo-88 (722)	28	54	0	0 S	375	0	175	42,731	728	260,615
API# 02-001-20252				15 U						
				13 V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0 S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0 U						
				0 V						
11 Navajo (506)	29	903	0	0 S	4,997	0	2,498	941,093	81,446	620,401
API# 02-001-20106				412 U						
				0 V						
14 Navajo (416)	29	27	0	0 S	217	0	716	306,862	21,041	147,346
API# 02-001-20040				61 U						
				55 V						
15 Navajo (417)	0	0	0	0 S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0 U						
				0 V						
16 Navajo (419)	0	0	0	0 S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0 U						
				0 V						
17 Navajo (618)	0	0	0	0 S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0 U						
				0 V						
19 Navajo (691)	29	273	0	0 S	2,686	0	3,096	311,238	11,443	234,730
API# 02-001-20240				522 U						
				0 V						
20 Navajo (696)	29	104	0	0 S	633	0	175	179,769	4,074	80,080
API# 02-001-20245				15 U						
				14 V						
21 Navajo (693)	29	333	0	0 S	2,405	0	552	56,557	26,816	27,954
API# 02-001-20242				52 U						
				47 V						
22 Navajo (692)	29	75	0	0 S	510	0	707	46,297	4,153	31,428
API# 02-001-20241				69 U						
				62 V						
24 Navajo (695)	0	0	0	0 S	0	0	0	97,499	364,648	49,699
API# 02-001-20244				0 U						
				0 V						
25 Navajo (719)	26	87	0	0 S	445	0	1,733	63,952	3,842	55,477
API# 02-001-20249				149 U						
				134 V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0 S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0 U						
				0 V						
27 Navajo (721)	29	243	0	0 S	921	0	684	76,790	665	49,832
API# 02-001-20251				95 U						
				85 V						
Operator & Field Total		6,733	10,204	4,812	44,816	65,016	28,300	14,800,911	3,976,283	4,103,369
Abandoned Producers								2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)								17,602,540	5,072,613	4,540,178
DRY MESA (MISSISSIPPIAN)										
Dry Mesa Corp.										
02 Navajo-138 (106)	25	15	0	21,291 S	60	0	167,064	8,249	65,124	615,096
API# 02-001-05303				0 U						
				0 V						
03 Navajo-138 (115)	0	0	0	0 S	11	0	26,696	462,880	477,357	157,562
API# 02-001-05305				0 U						
				0 V						
05 Navajo-138 (213)	15	0	0	1,226 S	0	0	1,663	0	0	1,663
API# 02-001-05160				0 U						
				0 V						
06 Navajo-138 (852)	19	907	10,241	0 S	2,618*	44,044	0	86,507*	498,352	3,549
API# 02-001-20283				0 U						
				0 V						
Operator & Field Total		922	10,241	22,517	2,689*	44,044	195,423	557,636*	1,040,833	777,870
Abandoned Producers								239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)								797,597*	2,118,651	805,369
TEEC NOS POS (ISMAY/DESERT CREEK)										
Dry Mesa Corp.										
01 Navajo-O (232)	0	0	0	0 S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Navajo-O (640)	0	0	0	0	S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0	U						
				0	V						
04 Navajo-O (663)	0	0	0	0	S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0	U						
				0	V						
05 Navajo-O (678)	0	0	0	0	S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0	U						
				0	V						
Operator & Field Total		0	0	0		0	0	0	472,979	206,827	1,410,800
Abandoned Producers									13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)									486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)											
Merrion Oil & Gas											
01 Navajo (28)	1	1	0	0	S	13	0	32	133,137	662,213	1,929,400
API# 02-001-05199				5	U						
				0	V						
02 Navajo (22)	1	1	0	0	S	15	0	26	16,835	8,828	1,765,242
API# 02-001-05200				5	U						
				0	V						
03-11 Navajo (490)	0	0	0	0	S	0	0	0	8,021	122,774	35,223
API# 02-001-20095				0	U						
				0	V						
Operator & Field Total		2	0	10		28	0	58	157,993	793,815	3,729,865
Abandoned Producers									709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)									867,664	5,006,077	9,635,353
BLACK ROCK (ISMAY/AKAH)											
Chuska Energy Co.**											
01 Black Rock (559)	30	5	13	4,705	S	32	13	37,016	838	246	831,543
API# 02-001-20145				95	U						
				0	V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	30	5	13	3,037 S	84	518	24,012	2,147	1,807	347,861
API# 02-001-20162				95 U						
				0 V						
05 Black Rock (868)	30	5	117	4,705 S	106	2,436	37,016	3,734	4,936	816,230
API# 02-001-20287				95 U						
				0 V						
08 Black Rock (871)	30	6	117	21,214 S	33	654	164,621	3,124	1,361	783,294
API# 02-001-20290				95 U						
				0 V						
Operator & Field Total	21	260		34,041	255	3,621	262,665	9,843	8,350	2,778,928
Abandoned Producers								17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)								27,108	291,358	4,413,493
ABANDONED FIELDS AND UNDESIGNATED WELLS								120,097	204,768	3,518,986
GRAND TOTALS	7,678	20,705	61,380		47,788**	112,681	486,446	19,901,335*	13,057,678	24,343,798

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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	DAYS	MONTHLY PRODUCTION OIL BBLS	WATER BBLS	GAS MCF-DISP	YEAR TO DATE OIL BBLS	WATER BBLS	GAS MCF	ALL TIME CUMULATIVE OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	31	190	0	0 S	1,448	0	1,505	1,106,000	32,867	125,916
API# 02-001-20001				108 U						
				116 V						
01 Navajo-138 (388)	31	347	0	0 S	2,631	0	7,191	1,100,038	63,521	617,655
API# 02-001-20012				527 U						
				561 V						
01 Navajo-C (484)	31	26	0	0 S	197	0	213	6,859	2,092	1,870
API# 02-001-20092				15 U						
				17 V						
01X Navajo-B (445)	30	570	0	0 S	4,458	0	1,707	1,834,706	49,244	214,775
API# 02-001-20068				120 U						
				128 V						
02 Navajo-88 (431)	28	564	157	0 S	3,694	1,056	1,410	820,408	273,727	135,644
API# 02-001-20055				98 U						
				105 V						
03 Navajo-138 (723)	31	147	0	0 S	915	0	2,876	89,928	5,147	92,915
API# 02-001-20253				216 U						
				232 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	31	279	0	0 S	2,280	0	5,796	1,883,636	264,008	624,881
API# 02-001-20011				419 U						
				449 V						
04 Navajo (384)	25	2,124	9,458	0 S	19,366	73,575	223	3,454,892	2,087,704	101,868
API# 02-001-20009				12 U						
				13 V						
06 Navajo (390)	31	62	0	0 S	947	0	211	277,838	12,448	85,221
API# 02-001-20014				15 U						
				17 V						
06 Navajo-88 (722)	31	62	0	0 S	437	0	207	42,793	728	260,647
API# 02-001-20252				15 U						
				17 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396)	0	0	0	0	S	0	0	0	1,656,074	554,845	259,211
API# 02-001-20020				0	U						
				0	V						
11 Navajo (506)	31	1,000	0	0	S	5,997	0	2,938	942,093	81,446	620,841
API# 02-001-20106				440	U						
				0	V						
14 Navajo (416)	31	26	0	0	S	243	0	844	306,888	21,041	147,474
API# 02-001-20040				62	U						
				66	V						
15 Navajo (417)	0	0	0	0	S	0	0	0	114,819	15,449	37,903
API# 02-001-20041				0	U						
				0	V						
16 Navajo (419)	0	0	0	0	S	0	0	0	96,442	34,583	16,680
API# 02-001-20043				0	U						
				0	V						
17 Navajo (618)	0	0	0	0	S	0	0	0	55,565	8,931	41,056
API# 02-001-20190				0	U						
				0	V						
19 Navajo (691)	31	395	0	0	S	3,081	0	3,654	311,633	11,443	235,288
API# 02-001-20240				558	U						
				0	V						
20 Navajo (696)	31	105	0	0	S	738	0	207	179,874	4,074	80,112
API# 02-001-20245				15	U						
				17	V						
21 Navajo (693)	31	398	0	0	S	2,803	0	648	56,955	26,816	28,050
API# 02-001-20242				46	U						
				50	V						
22 Navajo (692)	31	82	0	0	S	592	0	835	46,379	4,153	31,556
API# 02-001-20241				62	U						
				66	V						
24 Navajo (695)	0	0	0	0	S	0	0	0	97,499	364,648	49,699
API# 02-001-20244				0	U						
				0	V						
25 Navajo (719)	31	152	0	0	S	597	0	2,054	64,104	3,842	55,798
API# 02-001-20249				155	U						
				166	V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF	DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0	U						
				0	V						
27 Navajo (721)	31	265	0	0	S	1,186	0	876	77,055	665	50,024
API# 02-001-20251				93	U						
				99	V						
Operator & Field Total		6,794	9,615	5,095		51,610	74,631	33,395	14,807,705	3,985,898	4,108,464
Abandoned Producers									2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,609,334	5,082,228	4,545,273
DRY MESA (MISSISSIPPIAN)											
Dry Mesa Corp.											
02 Navajo-138 (106)	26	9	0	19,000	S	69	0	186,064	8,258	65,124	634,096
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	0	0	0	0	S	11	0	26,696	462,880	477,357	157,562
API# 02-001-05305				0	U						
				0	V						
05 Navajo-138 (213)	5	0	0	910	S	0	0	2,573	0	0	2,573
API# 02-001-05160				0	U						
				0	V						
06 Navajo-138 (852)	13	865	9,308	0	S	3,483	53,352	0	87,372	507,660	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		874	9,308	19,910		3,563	53,352	215,333	558,510	1,050,141	797,780
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN)									798,471	2,127,959	825,279
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						

LEGEND ON LAST PAGE

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Navajo-O (640)	0	0	0	0 S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0 U						
				0 V						
04 Navajo-O (663)	0	0	0	0 S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0 U						
				0 V						
05 Navajo-O (678)	0	0	0	0 S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0 U						
				0 V						
Operator & Field Total		0	0	0	0	0	0	472,979	206,827	1,410,800
Abandoned Producers								13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)								486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)										
Merrion Oil & Gas										
01 Navajo (28)	1	0	0	0 S	13	0	37	133,137	662,213	1,929,405
API# 02-001-05199				5 U						
				0 V						
02 Navajo (22)	8	187	234	0 S	202	234	67	17,022	9,062	1,765,283
API# 02-001-05200				41 U						
				0 V						
03-11 Navajo (490)	4	82	701	0 S	82	701	0	8,103	123,475	35,223
API# 02-001-20095				0 U						
				0 V						
Operator & Field Total		269	935	46	297	935	104	158,262	794,750	3,729,911
Abandoned Producers								709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)								867,933	5,007,012	9,635,399
BLACK ROCK (ISMAY/AKAH)										
Chuska Energy Co.**										
01 Black Rock (559)	31	4	10	5,942 S	36	23	43,053	842	256	837,580
API# 02-001-20145				95 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	31	3	8	4,457	S	87	526	28,564	2,150	1,815	352,413
API# 02-001-20162				95	U						
				0	V						
05 Black Rock (868)	31	4	10	5,942	S	110	2,446	43,053	3,738	4,946	822,267
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	31	21	23	13,370	S	54	677	178,086	3,145	1,384	796,759
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		32	51	30,091		287	3,672	292,756	9,875	8,401	2,809,019
Abandoned Producers									17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)									27,140	291,409	4,443,584
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		7,969	19,909	55,142		55,757	132,590	541,588	19,909,304	13,077,587	24,398,940

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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S0473-1

ARIZONA GEOLOGICAL SURVEY
Oil, Gas & Helium Production Report

	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
DINEH-BI-KEYAH (HERMOSA)										
Kerr-McGee Corp.										
01 Navajo (377)	30	183	0	0 S	1,631	0	1,736	1,106,183	32,867	126,147
API# 02-001-20001				111 U						
				120 V						
01 Navajo-138 (388)	31	339	0	0 S	2,970	0	8,264	1,100,377	63,521	618,728
API# 02-001-20012				517 U						
				556 V						
01 Navajo-C (484)	31	27	0	0 S	224	0	244	6,886	2,092	1,901
API# 02-001-20092				15 U						
				16 V						
01X Navajo-B (445)	31	529	0	0 S	4,987	0	1,955	1,835,235	49,244	215,023
API# 02-001-20068				119 U						
				129 V						
02 Navajo-88 (431)	31	418	127	0 S	4,112	1,183	1,630	820,826	273,854	135,864
API# 02-001-20055				106 U						
				114 V						
03 Navajo-138 (723)	31	137	0	0 S	1,052	0	3,316	90,065	5,147	93,355
API# 02-001-20253				211 U						
				229 V						
03 Navajo-88 (443)	0	0	0	0 S	0	0	0	177,217	58,629	182,629
API# 02-001-20066				0 U						
				0 V						
03X Navajo (386)	31	295	0	0 S	2,575	0	6,664	1,883,931	264,008	625,749
API# 02-001-20011				417 U						
				451 V						
04 Navajo (384)	31	3,020	10,397	0 S	22,386	83,972	276	3,457,912	2,098,101	101,921
API# 02-001-20009				25 U						
				28 V						
06 Navajo (390)	31	62	0	0 S	1,009	0	242	277,900	12,448	85,252
API# 02-001-20014				15 U						
				16 V						
06 Navajo-88 (722)	31	41	0	0 S	478	0	238	42,834	728	260,678
API# 02-001-20252				15 U						
				16 V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
09 Navajo (396) API# 02-001-20020	0	0	0	0 S 0 U 0 V	0	0	0	1,656,074	554,845	259,211
11 Navajo (506) API# 02-001-20106	31	949	0	0 S 440 U 0 V	6,946	0	3,378	943,042	81,446	621,281
14 Navajo (416) API# 02-001-20040	31	32	0	0 S 60 U 64 V	275	0	968	306,920	21,041	147,598
15 Navajo (417) API# 02-001-20041	0	0	0	0 S 0 U 0 V	0	0	0	114,819	15,449	37,903
16 Navajo (419) API# 02-001-20043	0	0	0	0 S 0 U 0 V	0	0	0	96,442	34,583	16,680
17 Navajo (618) API# 02-001-20190	0	0	0	0 S 0 U 0 V	0	0	0	55,565	8,931	41,056
19 Navajo (691) API# 02-001-20240	30	345	0	0 S 540 U 0 V	3,426	0	4,194	311,978	11,443	235,828
20 Navajo (696) API# 02-001-20245	31	86	0	0 S 15 U 16 V	824	0	238	179,960	4,074	80,143
21 Navajo (693) API# 02-001-20242	30	372	0	0 S 49 U 53 V	3,175	0	750	57,327	26,816	28,152
22 Navajo (692) API# 02-001-20241	31	82	0	0 S 67 U 73 V	674	0	975	46,461	4,153	31,696
24 Navajo (695) API# 02-001-20244	0	0	0	0 S 0 U 0 V	0	0	0	97,499	364,648	49,699
25 Navajo (719) API# 02-001-20249	31	126	0	0 S 162 U 176 V	723	0	2,392	64,230	3,842	56,136

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
26 Navajo (720)	0	0	0	0	S	0	0	0	8,010	3,847	10,751
API# 02-001-20250				0	U						
				0	V						
27 Navajo (721)	31	256	0	0	S	1,442	0	1,068	77,311	665	50,216
API# 02-001-20251				92	U						
				100	V						
Operator & Field Total		7,299	10,524	5,133		58,909	85,155	38,528	14,815,004	3,996,422	4,113,597
Abandoned Producers									2,801,629	1,096,330	436,809
TOTAL DINEH-BI-KEYAH (HERMOSA)									17,616,633	5,092,752	4,550,406
DRY MESA (MISSISSIPPIAN/PARADOX)											
Dry Mesa Corp.											
02 Navajo-138 (106)	25	7	0	16,200	S	76	0	202,264	8,265	65,124	650,296
API# 02-001-05303				0	U						
				0	V						
03 Navajo-138 (115)	0	0	0	0	S	11	0	26,696	462,880	477,357	157,562
API# 02-001-05305				0	U						
				0	V						
05 Navajo-138 (213)	7	0	0	825	S	0	0	3,398	0	0	3,398
API# 02-001-05160				0	U						
				0	V						
06 Navajo-138 (852)	19	827	9,006	0	S	4,310	62,358	0	88,199	516,666	3,549
API# 02-001-20283				0	U						
				0	V						
Operator & Field Total		834	9,006	17,025		4,397	62,358	232,358	559,344	1,059,147	814,805
Abandoned Producers									239,961	1,077,818	27,499
TOTAL DRY MESA (MISSISSIPPIAN/PARADOX)									799,305	2,136,965	842,304
TEEC NOS POS (ISMAY/DESERT CREEK)											
Dry Mesa Corp.											
01 Navajo-O (232)	0	0	0	0	S	0	0	0	197,012	16,172	1,105,920
API# 02-001-05171				0	U						
				0	V						

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	MONTHLY PRODUCTION				YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP	OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Navajo-O (640)	0	0	0	0 S	0	0	0	141,691	27,035	149,840
API# 02-001-20207				0 U						
				0 V						
04 Navajo-O (663)	0	0	0	0 S	0	0	0	105,064	128,402	82,735
API# 02-001-20219				0 U						
				0 V						
05 Navajo-O (678)	0	0	0	0 S	0	0	0	29,212	35,218	72,305
API# 02-001-20228				0 U						
				0 V						
Operator & Field Total		0	0	0	0	0	0	472,979	206,827	1,410,800
Abandoned Producers								13,350	157,384	19,619
TOTAL TEEC NOS POS (ISMAY/DESERT CREEK)								486,329	364,211	1,430,419
EAST BOUNDARY BUTTE (PARADOX)										
Merrion Oil & Gas										
01 Navajo (28)	2	10	220	0 S	23	220	47	133,147	662,433	1,929,415
API# 02-001-05199				10 U						
				0 V						
02 Navajo (22)	23	199	82	0 S	401	316	184	17,221	9,144	1,765,400
API# 02-001-05200				117 U						
				0 V						
03-11 Navajo (490)	31	183	2,977	0 S	265	3,678	0	8,286	126,452	35,223
API# 02-001-20095				0 U						
				0 V						
Operator & Field Total		392	3,279	127	689	4,214	231	158,654	798,029	3,730,038
Abandoned Producers								709,671	4,212,262	5,905,488
TOTAL EAST BOUNDARY BUTTE (PARADOX)								868,325	5,010,291	9,635,526
BLACK ROCK (ISMAY/AKAH)										
Chuska Energy Co.**										
01 Black Rock (559)	31	9	5	5,895 S	45	28	49,043	851	261	843,570
API# 02-001-20145				95 U						
				0 V						

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	MONTHLY PRODUCTION					YEAR TO DATE			ALL TIME CUMULATIVE		
	DAYS	OIL BBLS	WATER BBLS	GAS MCF-DISP		OIL BBLS	WATER BBLS	GAS MCF	OIL BBLS	WATER BBLS	GAS MCF
03 Black Rock (581)	31	6	4	4,421	S	93	530	33,080	2,156	1,819	356,929
API# 02-001-20162				95	U						
				0	V						
05 Black Rock (868)	31	9	5	5,895	S	119	2,451	49,043	3,747	4,951	828,257
API# 02-001-20287				95	U						
				0	V						
08 Black Rock (871)	31	23	12	13,264	S	77	689	191,445	3,168	1,396	810,118
API# 02-001-20290				95	U						
				0	V						
Operator & Field Total		47	26	29,855		334	3,698	322,611	9,922	8,427	2,838,874
Abandoned Producers									17,265	283,008	1,634,565
TOTAL BLACK ROCK (ISMAY/AKAH)									27,187	291,435	4,473,439
ABANDONED FIELDS AND UNDESIGNATED WELLS									120,097	204,768	3,518,986
GRAND TOTALS		8,572	22,835	52,140		64,329	155,425	593,728	19,917,876	13,100,422	24,451,080

Helium: Between 1959 and 1975 cumulative production of Helium was 9,238,739 MCF.

Gas Disposition Symbols in this Report:
V - Flared/Vented S - Sold
U - Used on Lease L - Lost (Mcf estimated)

State Permit Numbers are shown in parentheses
* - Amended Report
** - Allocation between wells estimated by operator

All production done in Apache County.

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